

COURSE AGENDA

International Atomic Energy Agency
INTERNATIONAL TRAINING COURSE
Preventive and Protective Measures against Insider Threats
10th -14th December, 2018
Bahadurgarh, India

Start	Topic/Module	Speaker
Monday,		
9:45 -10:15 30 min	Welcome Remarks from the Host IAEA Opening remarks Introduction of instructors and participants	Host and IAEA
10:15-10:35 20 min	Presentation by Host Country on GCNEP	V K Sinha
10:35-11:00	<i>Coffee Break and Class Photograph</i>	
11:00-11:45 45 min	Introduction to IAEA Division of Nuclear Security This is the IAEA video	Robert Larsen
11:45-12:30 45 min	Session 1: Course Introduction	Naoko Noro
12:30-13:15	<i>Lunch Break</i>	
13:15 -13:45 30 min	Session 2: Insider Definition and Motivation	Cyril Deberge
13:45-14:15 30 min	<u>Case Study 1</u> : Theft of UO ₂ at GE Low Enrichment Uranium Plant, Wilmington, United States	Mike Corcoran
14:15-15:00 45 min	Session 3: Introduction to the Hypothetical Facility	Robert Larsen
15:00-15:15 15 min	<i>Coffee Break</i>	
15:15-15:45 30 min	Session 3 Exercise: <u>Knowledge of the Hypothetical Facility</u>	All
15:45-16:15 30 min	Session 4A Target Identification - Theft	Amanda Askin
16:15-16:30 15 min	<u>Case Study 2</u> : Gold Theft at Los Alamos National Laboratory, United States	Cyril Deberge
Tuesday,		
9:45-10:00 15 min	Questions and Discussion	Robert Larsen
10:00-11:00 60 min	Session 4A Exercise – <u>Target Identification – Theft</u>	All

11:00-11:15	<i>Coffee Break</i>	
11:15-11:45 30 min	<u>Case Study 3</u> : Sabotage at Koeberg Nuclear Power Plant, South Africa	Mike Corcoran
11:45 -12:30 45 min	Session 4B: Target Identification - Sabotage	Cyril Deberge
12:30-13:15	<i>Lunch Break</i>	
13:15-14:15 60 min	Session 5: Protection of Nuclear Security Systems	Amanda Askin
14:15-14:45 30 Min	Session 6: Insider Characterization	Naoko Noro
14:45-15:45 60 min	Session 6 Exercise: <u>Insider Characterization</u>	All
15:45-16:00	<i>Coffee Break</i>	
16:00-17:00 60 min	Session 7: Preventive Measures	Naoko Noro
Wednesday,		
09:45-10:00 15 min	Questions and Discussion	Robert Larsen
10:00-11:00 60 Min	Session 7 Exercise: <u>Preventive Measures</u>	Amanda Askin
11:00-11:15	<i>Coffee Break</i>	
11:15-12:00 45 min	Host Country Presentation	
12:00-12:45 45 min	Session 8: Protective Measures	Rajeev Keswani
12:45-13:30	<i>Lunch Break</i>	
13:30-19:00	<i>Half Day Excursion Tour</i>	All
19:30	<i>Reception</i>	
Thursday,		
09:45-10:00 15 min	Questions and Discussion	Robert Larsen
10:00-11:00 60 min	Session 8 Exercise: <u>Protective Measures</u>	All
11:00-11:15	<i>Coffee Break</i>	
11:15-12:15 60 min	Session 9: Cyber Security	Mike Corcoran
12:15-13:00	<i>Lunch Break</i>	
13:00-14:00 60 min	<i>Session 9: Cyber Security (cont.)</i>	Mike Corcoran

14:00-14:45 45 min	Session 10: Contingency Plans	Naoko Noro
14:45-15:30 45 min	Session 11: System Evaluation – Abrupt Theft	Robert Larsen
15:30-15:45	<i>Coffee Break</i>	
15:45-16:45 60 min	Session 11 Exercise: <u>System Evaluation - Abrupt Theft</u>	All
16:45-17:15 30 min	<u>Case Study 4</u> : Sabotage of Doel 4 Nuclear Power Plant, Belgium	Mike Corcoran
Friday,		
09:45-10:00 15 min	Questions and Discussion	Robert Larsen
10:00-10:30 30 min	Session 12: System Evaluation - Sabotage	Cyril Deberge
10:30-10:45	<i>Coffee Break</i>	
10:45-11:45 60 min	Session 12 Exercise: <u>System Evaluation - Sabotage</u>	All
11:45-12:45 60 min	Session 13: <u>System Improvements</u>	Amanda Askin
12:45-13:15 30 min	Session 13 Exercise: <u>System Improvements</u>	All
13:15-14:00	<i>Lunch Break</i>	
14:00-15:00	Certification Ceremony	Host Organization
	Adjourn	

Instructors:

Robert Larsen, International Atomic Energy Agency

Cyril Deberge, IRSN, France

Rajeev Keswani, GCNEP, India,

Naoko Noro, JAEA, Japan

Michael Corcoran, Warwick University, UK

Amanda Askin, Livermore National Laboratory, US